User Manual

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SY9502 Alarm Camera & Control Panel

Features Overview

-Networking alarm transmission: alarms and video can be sent to the security center via IP/ADSL; 3G/Wi-Fi optional;

-Video monitoring & control camera's rotation via 2G/3G smart phone (ANDROID\SYMBIAN\IOS, etc. supported);

-H.264 video compression format; support dual-stream (D1 SD704 * 576 & CIF352*288);

-Adjustable frame rate (1-30);

-Built-in PTZ, H270°/V110° rotation;

-Video-Recording into your PC, via software;

-Video-Recording into TF card (4-32GB supported);

-Remote monitoring and voice warning functions: can shout to the intruder directly;

-Support 485 PTZ port (PELCO, etc. protocol supported);

-Max. 90 wireless zones supported;

-Low light level infrared cameras.

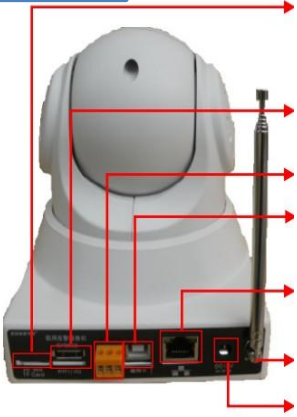
Wiring Information

Light Activated Switch: Turn on/off infrared lamp based on surrounding light level;

Infrared Lamp: Night vision range is 5-10meters;

LED light: green flashing for disarming status/ off for arming status;

Camera: Standard 3.66mm



-TF card slot

-USB port for external 3G/WiFi
-RS485 port
-PC programming

-10/100M ethernet port

-Antenna
-Power

Installation Information

1. Pls kindly check the TF card slot, and insert proper TF card for video-recording
2. Connecting the internet via IP ethernet or external 3G modem
3. Connect the USB cable with PC to program
4. Don't forget the AC power supply

CMS Information

Installing on the phone:

1. Pls kindly find attached#1 for phone software: Android/Symbian/IOS/Windows mobile
2. Then click to install and following up the guides on your phone

Installing on the PC:

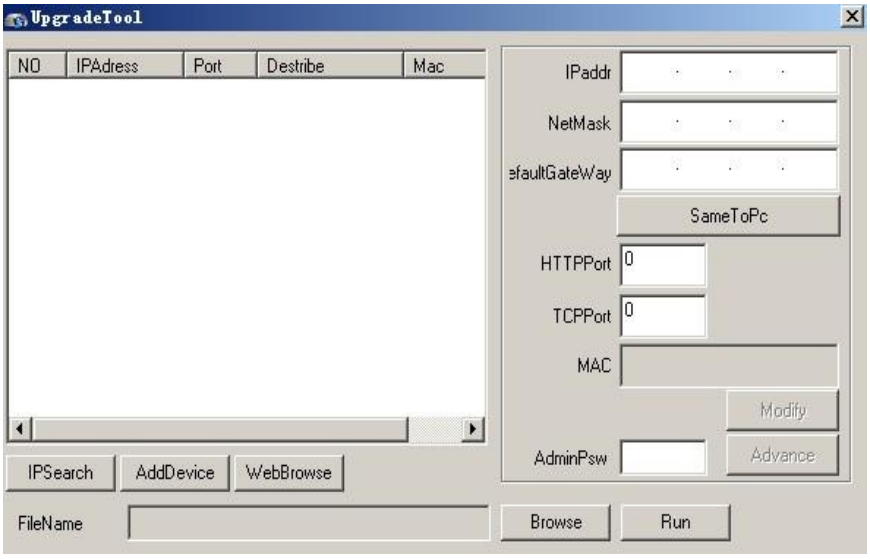
1. Hard Ware Requirements: CPU P4/2.0G; Display card (support hardware scaling) over ATI9800/ TNT2 PRO, etc.
2. Find out the 'General_CMS' file, and then following the installation guide
3. 'Win2000/Win2003/Win2007/Vista/Windows XP' OS recommended
4. Before installing, pls kindly quit the antivirus software and firewall firstly. Otherwise, it cannot search out the camera IP

IP Address Information

Introduction:

1. Check the internet status: yellow light always on, and green light flashing

1. Upgrade tool installaiton
2. IP setting (default is 192.168.0.55/ 255.255.255.0): set the camera IP be within the same network segment of PC
3. Searching the IP of camera, and then set the IP address if needed



1. UPNP setting: default of camera is 'ON'; Only need to turn on the UPNP of the rooter
2. Virtual Server Settings: If multiple network alarm cameras need to be monitored in the public network access, pls use router's virtual server port mapping

For example

Camera	IP	HTTP Port	TCP Port
A	10.6.0.10	8080	34570
B	10.6.0.11	8081	34571
C	10.6.0.12	8082	34572

2.1 System Settings of the camera: set the HTTP and TCP port

2.2 After camera settings, pls kindly do virtual server setting of the router

2.3 Visit 'http:// 124.90.159.61:8080' etc. via IE, to check out whether setting is successful

3. WAN: Check the WAN address of router

E.g. If the WAN is '110.185.160.72', kindly input 'http://110.185.160.72:8089' to visit camera via IE

Operation Information

1. Turn on the camera: light of the internet port is on and camera will rotate. Initialization will take about one minute.

2. CMS: PTZ operation as follwing

2.1 Direction Keys: rotate the camera via 4 direction keys (Left/Right/Up/Down)
2.2 Step Length: rotation amplitude of the camera
2.3 Camera Zoom settings
2.4 Camera Focus settings
2.5 Camera Aperture settings
2.6 Scan: camera do uniform rotation between the left restriction site and the right
2.7 Preset points: when 'transfer', camera will rotate to that preset point
2.8 Criuse of preset points: path can be programmbale

3. Channel Operation: add the channels on the left of the software

Technical features

· Power Supply: DC12V/2A
· TF card 4-32G supported
· FPS: 1~30
· Stream: 0.1~6MPb/s programmable
· Image Sensor: 0.4MP/CMOS
· Min Luminous Intensity: 0.05Lux / 0Luxn@IR ON
· Image Mode: D1, HD1, CIF, QCIF
· Exposure: Automatically
· Audio: Dual-way voice intercom
· PTZ: H270°/V110°
· Video Compression: H.264
· Compression Stream: Primary and secondary stream
· Compression Code Rate: 30-2048Kbps programmable
· Internet: IP/ADSL; 3G or WiFi optional
· Internet Port: 10/100M; RJ-45
· Monitoring: IE or CMS
· Wireless Frequency: 433Mhz
· Dimension: 121*131*136 (mm), not including bracket